

**SYSTEM, APPARATUS AND METHOD FOR ADDRESS FORWARDING FOR A
COMPUTER NETWORK**

ABSTRACT OF THE DISCLOSURE

[0073] A system, apparatus and method for an efficiently performing address lookups and switching for computer networks is disclosed. The present disclosure provides for address translation between network devices utilizing different protocols. The system, apparatus and method described herein provide for address translation for encapsulated communications to enable mixed protocol communications using a network switch fabric system.

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